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Our File No. 9281-4573  
Client Reference No. S US02119

## PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Toru Izumiya for Transmission-and-Receiving Switching Circuit Not Allowing Superfluous Signals to Be Input or Output.

Enclosed are:

- Preliminary Amendment with attached Appendix A
- 30 pages of application (including title page and Abstract), 5 sheets of formal drawings and the following Appendices: n/a
- Declaration and Power of Attorney for Patent Application
- Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2002-200798
- Information Disclosure Statement, PTO-1449, and reference A1-A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	26-20	6
Indep. Claims	3-3	0
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 370
x\$9=	\$
x\$42=	\$
+\$140=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 750
or	\$108
x\$18=	
or	\$
x\$84=	
or	\$
+\$280=	
or	\$
Total	\$858

Please charge my Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

A check in the amount of \$858.00 to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR § 1.16.

Any patent application processing fees under 37 CFR §1.17.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Any filing fees under 37 CFR § 1.16 for presentation of extra claims.

Any patent application processing fees under 37 CFR § 1.17.

The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

6/30/03

Gustavo Siller, Jr.  
BRINKS HOFER GILSON & LIONE  
Registration No. 32,305



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